

What is claimed is:

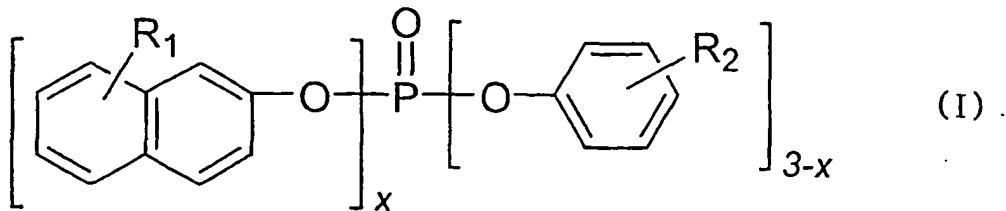
1. A flame retardant thermoplastic resin composition comprising:

5 (A) 45 to 95 parts by weight of a thermoplastic polycarbonate resin;

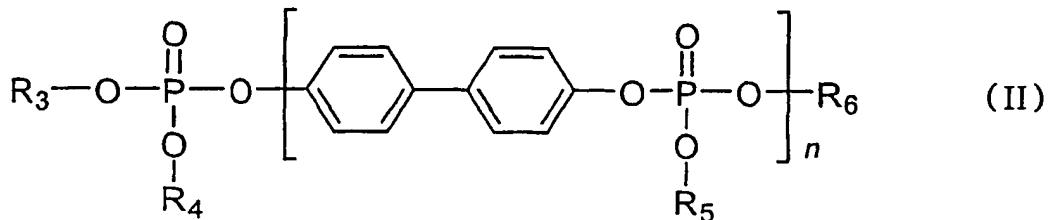
(B) 1 to 50 parts by weight of a vinyl graft copolymer prepared by graft-polymerizing (B-1) 5 to 95 parts by weight of a monomer mixture consisting of (B-1.1) 50 to 95 by weight of at least one selected from the group consisting of styrene, α -methylstyrene, halogen- or alkyl-substituted styrene, C_{1-8} methacrylic acid alkyl ester, and C_{1-8} acrylic acid alkyl ester and (B-1.2) 5 to 50 parts by weight of at least one selected from the group consisting of acrylonitrile, methacrylonitrile, C_{1-8} methacrylic acid alkyl ester, C_{1-8} acrylic acid alkyl ester, maleic acid anhydride, and C_{1-4} alkyl- or phenyl N-substituted maleimide onto (B-2) 5 to 95 parts by weight of a rubber polymer selected from the group consisting of butadiene rubber, acryl rubber, 10 ethylene-propylene rubber, styrene-butadiene rubber, acrylonitrile-butadiene rubber, isoprene rubber, copolymer of ethylene-propylene-diene (EPDM), 15 polyorganosiloxane-polyalkyl (meth)acrylate rubber complex and a mixture thereof;

(C) 0 to 50 parts by weight of a vinyl copolymer or a mixture of vinyl copolymer prepared from (C-1) 50 to 95 parts by weight of at least one selected 20 from the group consisting of styrene, α -methyl styrene, halogen or alkyl substituted styrene, C_{1-8} methacrylic acid alkyl ester and C_{1-8} acrylic acid alkyl ester and (C-2) 5 to 50 parts by weight of at least one selected from the group consisting of acrylonitrile, methacrylonitrile, C_{1-8} methacrylic acid alkyl ester, C_{1-8} acrylic acid alkyl ester, maleic acid anhydride, and C_{1-4} alkyl or phenyl N-substituted maleimide;

25 (D) 1 to 30 parts by weight of a mixture of organic phosphorous compounds consisting of (D-1) 5 to 95 parts by weight of a monomeric phosphoric acid ester compound represented by the following Formula (I) or a mixture thereof and (D-2) 95 to 5 parts by weight of an oligomeric phosphoric acid ester compound represented by the following Formula (II) or a mixture thereof, per 100 parts by 30 weight of the sum of (A), (B) and (C):



wherein R₁ and R₂ are independently hydrogen or a C₁₋₅ alkyl group and x is 0 or an integer from 1 to 3.



wherein R_3 , R_4 , R_5 and R_6 are independently a C_{6-20} aryl group or an alkyl-substituted C_{6-20} aryl group, respectively, and n is an integer representing the number of repeating units from 1 to 5, the average value of n in the mixture of oligomeric phosphoric acid ester is 1 to 3; and

(E) 0.05 to 5.0 parts by weight of a fluorinated polyolefin resin with average particle size of 0.05 to 1,000 μm and density of 1.2 to 2.3 g/cm³, per 100 parts by weight of (A)+(B)+(C).

2. The flame retardant thermoplastic resin composition as defined in claim 1, wherein said R_1 and R_2 are independently hydrogen or alkyl group in which alkyl is methyl, ethyl, isopropyl or t-butyl.

3. The flame retardant thermoplastic resin composition as defined in claim 1, wherein said R_3 , R_4 , R_5 and R_6 are independently phenyl group, naphthalene group,

and alkyl-substituted phenyl group in which alkyl is methyl, ethyl, isopropyl and t-butyl.

4. A molding article produced from the flame retardant thermoplastic resin

5 composition as defined in claim 1.